

IN THE CLAIMS:

Claim 1. (currently amended) A thermally insulated container (101) for the transport of cargo (102), said container (101) comprising panels (103) comprising at least one outer layer/wall (104) and at least one inner layer/wall (105), between which layers/walls foam material (106) is arranged between the layers/walls (104, 105), being of metal and having a thickness in excess of 50 µm, characterised in that the foam material is an essentially closed cell foam material, said cells (107) enclosing at least two gases (108), said gases (108) having a value λ for thermal conductivity which is lower than that of atmospheric air; and that the gases comprise at least one blowing-agent gas and at least one additive gas and are present in the cells in a ratio by weight of blowing agent to additive gas of 50:1 to 400:1.

Claim 2. (original) A thermally insulated container according to claim 1, characterised in that the foam material (106) is a polyurethane foam.

Claim 3. (previously presented) A thermally insulated container according to claim 1, characterised in that the value for thermal conductivity is, at least for the additive gas, less than 20 mW/m[°]K.

Claim 4. (currently amended) A thermally insulated container according to claim 1, characterised in that the additive gas comprises an inert gas, ~~eg argon~~.

Claim 5. (previously presented) A thermally insulated container according to claim 1, characterised in that the layers/walls (104, 105) are manufactured from a steel alloy and/or an aluminium alloy.

Claim 6. (previously presented) A thermally insulated container according to claim 1, characterised in that the distance between the inner layer (105) and the outer layer (104) is at least 35 mm; and that the cavity between the plane parallel inner and outer layers/walls is filled with foam material, said material being in contact with both layers/walls and faces facing towards the foam material (106) and in the entire expanse there of.

Claim 7. (currently amended) A thermally insulated container according to claim 1, characterised in that the foam material (106) is a rigid or a semi-rigid +0 foam material.

Claim 8. (previously presented) A thermally insulated container according to claim 1, characterised in that the average diameter of the cells is less than 0.4 mm, preferably less than 0.25 mm.

Claim 9. (previously presented) A thermally insulated container according to claim 1, characterised in that the coefficient of diffusion of the foam material is less than that of atmospheric air.

Claim 10. (previously presented) A thermally insulated container according to claim 1,

characterised in that the blowing-agent gas comprises cyclopentane.

Claim 11. (previously presented) A thermally insulated container according to claim 1, characterised in that one of the gases comprises CO₂.

Claim 12. (Cancelled)